

IN THE CLAIMS:

Please amend claims 1, 6, 8 and 12 and add new claims 13-20 as follows:

LISTING OF CURRENT CLAIMS

Claim 1. (Currently Amended) A system for improving asymmetric projection comprising:

- a light source producing a light beam to form a light path;
- a projection lens which is disposed in the light path and projects an image;
- a light valve inserted in the light path between the light source and the projection lens, which receives the light beam obliquely impinging from the light source to form a light spot, selects and reflects the light spot to the projection lens or predetermined directions; and

at least one ~~asymmetrically curved~~ anamorphic surface unit placed in the light path between the light source and the light valve, which has different curvatures on one surface to offset the distortion of the light spot resulting from obliquely impinging.

Claims 2-3. (Canceled)

Claim 4. (Original) The system for improving asymmetric projection of claim 1, wherein the light valve is a Digital Micro-mirror Device (DMD).

Claim 5. (Canceled)

Claim 6. (Currently Amended) The system for improving asymmetric projection of claim 1, wherein the ~~asymmetrically curved~~ anamorphic surface unit is an ~~asymmetrically curved~~ anamorphic lens.

Claim 7. (Canceled)

Claim 8. (Currently Amended) The system for improving asymmetric projection of claim 1, further comprising a reflector, a converging lens, a condenser lens, a relay lens, and a mirror between the light source and the light valve, wherein the ~~asymmetrically-curved~~ anamorphic surface unit ~~can be~~ is any one surface of the reflector, converging lens, condenser lens, relay lens, or mirror.

Claims 9-11. (Canceled)

Claim 12. (Currently Amended) The system for improving asymmetric projection of claim 4, wherein the ~~asymmetrically-curved~~ anamorphic surface unit has a curvature in predeterminate axis for elongating the Y-axial length of the light spot in on-state, flat-state, and off-state in order to form non-overlapping elliptic light beams.

Claim 13. (New) A system for improving asymmetric projection comprising:
a light source producing a light beam to form a light path;
a projection lens which is disposed in the light path and projects an image;
a light valve inserted in the light path between the light source and the projection lens, which receives the light beam obliquely impinging from the light source to form a light spot, selects and reflects the light spot to the projection lens or predetermined directions; and

at least one anamorphic surface unit placed in the light path between the light source and the light valve, which transmits the light spot and has different curvatures on one surface to offset the distortion of the light spot resulting from obliquely impinging.

Claim 14. (New) The system for improving asymmetric projection of claim 12, wherein the light valve is a Digital Micro-mirror Device (DMD).

Claim 15. (New) The system for improving asymmetric projection of claim 12, wherein the anamorphic surface unit is an anamorphic lens.

Claim 16. (New) The system for improving asymmetric projection of claim 13, wherein the asymmetrically curved anamorphic surface unit has a curvature in predeterminate axis for elongating the Y-axial length of the light spot in on-state, flat-state, and off-state in order to form non-overlapping elliptic light beams.

Claim 17. (New) A system for improving asymmetric projection comprising:
a light source producing a light beam to form a light path;
at least one anamorphic surface unit placed in the light path after the light source, which transmits the light beam and has different curvatures on one surface to offset the distortion of the light beam;
a light valve inserted in the light path after the anamorphic surface unit, which receives the light beam obliquely impinging from the light source to form a light spot, selects and reflects the light spot to the projection lens or predetermined directions; and
a projection lens which is disposed in the light path after the light valve for receiving the light spot to project an image.

Claim 18. (New) The system for improving asymmetric projection of claim 16, wherein the light valve is a Digital Micro-mirror Device (DMD).

Claim 19. (New) The system for improving asymmetric projection of claim 16, wherein the anamorphic surface unit is an anamorphic lens.

Claim 20. (New) The system for improving asymmetric projection of claim 17, wherein the asymmetrically curved anamorphic surface unit has a curvature in predeterminate axis for elongating the Y-axial length of the light spot in on-state, flat-state, and off-state in order to form non-overlapping elliptic light beams.